Certificate of analysis

SFC050-03-20

Signature: Theodore Latsis: 16-06-2015

Supervisor signature: Lyle Armstrong

Date: 16-06-2015

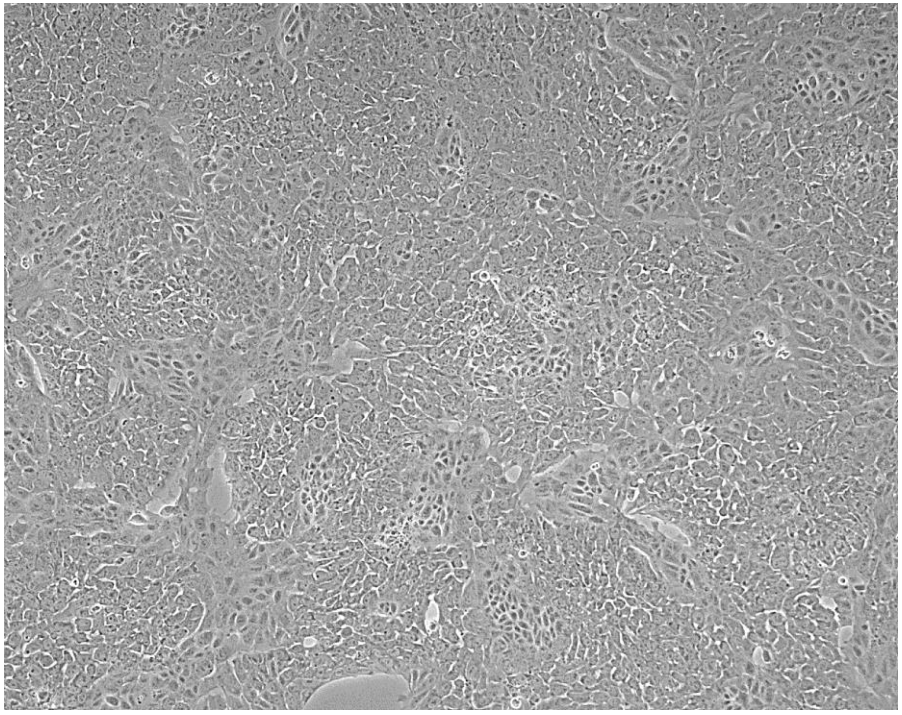
Source of fibroblasts and reprogramming information

- SF050 from University of Oxford
- Reprogrammed at UNEW
- Reprogrammed on 13-01-2015 at passage 5
- Cytotune 2

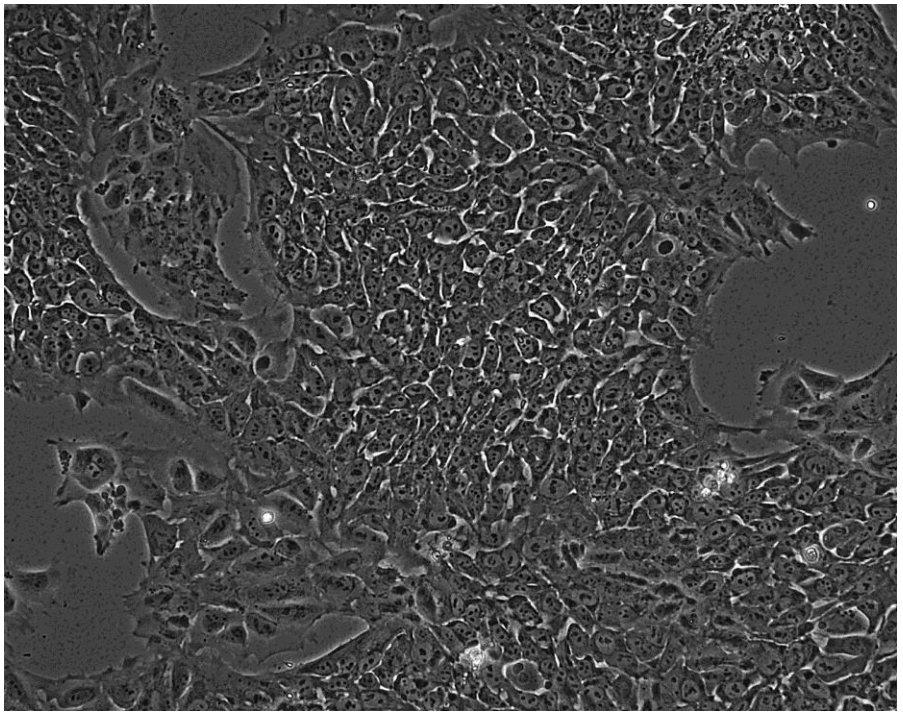
Viability post-thaw and Morphology according to SOP19 passage 10

- Cell count immediately post-thaw: 3.1mil/vial
- Viability immediately post-thaw: 92%
- Photo 40h post-thaw
- Due to the high number of cells/vial it is better that cells are seeded in at least 2 wells of a 6 well plate (rather than 1)

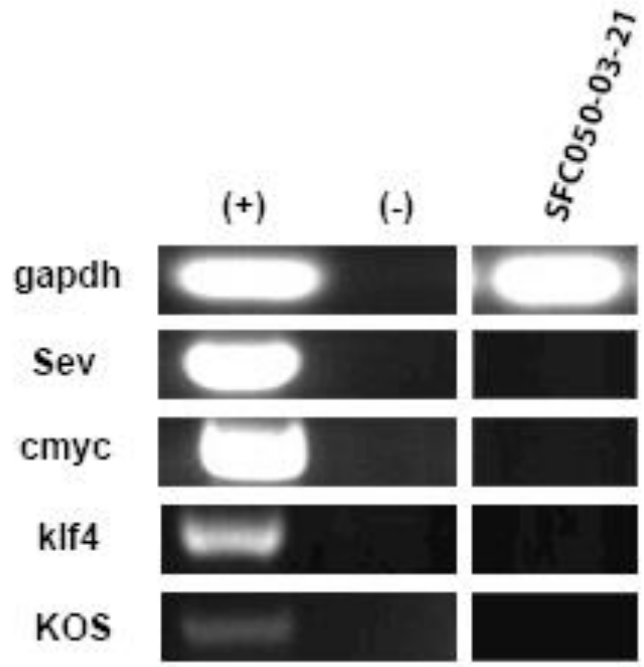
X5 (magnification)



X10 (magnification)



Sendai clearance: according to WP3 SOP15 undetectable at passage 10



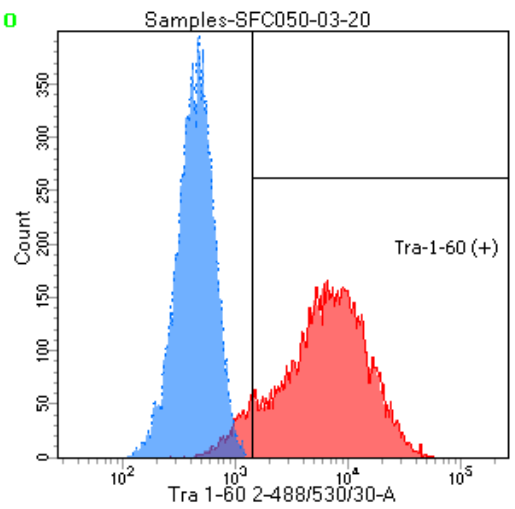
Mycoplasma test:

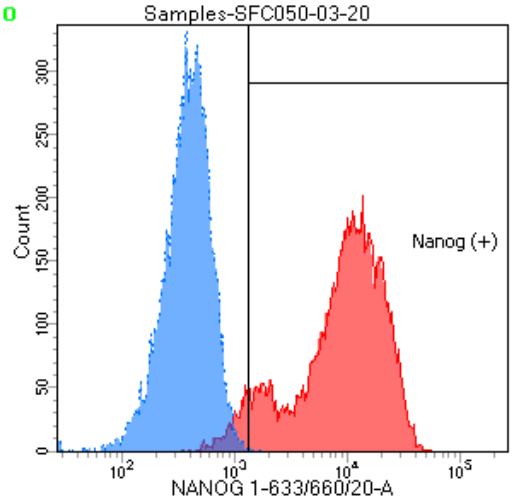
According to MycoAlert Lonza LT07-318

Undetectable at passage 10

> 1.2		Mycoplasma Contaminated	Positive Control	Negative Control	**Cell name**	SFC-050-03-20
0.9-1.2		Status Unknown - Restest within 24 hours	0.053	0.062	**A**	0.020
0-0.9		Mycoplasma Free	0.963	0.010	**B**	0.009
			18.068	0.166	**B/A**	0.447

Flow cytometric analysis according to WP3 SOP 20 and 21 passage 10





Tube: SFC050-03-20

Population	#Events	%Parent	%Total
All Events	20,000	####	100.0
Cells	9,308	46.5	46.5
Tra-1-60 (+)	8,471	91.0	42.4
Nanog (+)	8,683	93.3	43.4
Samples/50UN/All Events	20,000	####	100.0
Samples/50UN/P1	9,577	47.9	47.9

SNP analysis
according to WP3 SOP Preparation of DNA and RNA samples for Illumina arrays

- Passage 10
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected
- For details and raw data see StemDB